IN THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1-10: (*Cancelled*).

11. (*Currently Amended*): An apparatus for ~~executing~~ performing an operation inside a vessel of a nuclear reactor that includes a jet pump with an inlet mixer, a nozzle, and a side opening with a tapered surface, the side opening being positioned between the inlet mixer and the nozzle, the apparatus comprising:

an apparatus body ~~comprising~~ having an elongated tubular member ~~and configured~~ sized to be suspended and substantially inserted into the jet pump ~~during the operation~~;

a tool ~~attached to the apparatus body~~ for ~~executing~~ performing the operation within an interior of the jet pump ~~in the vessel~~; and

a guide rod, ~~disposed at~~ attached to an end portion of the apparatus body, having an incline at a predetermined angle relative to a vertical axis of the apparatus body, the inclined guide rod being ~~configured~~ structured to facilitate entry of the guide rod into [[a]] the tapered surface of the ~~side opening of the~~ jet pump side opening,

wherein, after the guide rod is inserted into the side opening, the apparatus body is lowered ~~and~~ so that both, the apparatus body and guide rod are substantially inserted into the jet pump to enable the tool to perform the operation.

12. (*Cancelled*).

13. (*Currently Amended*): The apparatus for ~~executing~~ performing an operation in a vessel of a nuclear reactor according to claim 11, wherein the guide rod is structured to be freely and movably supported at the end portion of the apparatus body and inclined at the predetermined angle with respect to the vertical axis due to gravitational force.

14. (*Currently Amended*): The apparatus for ~~executing~~ performing an operation in a vessel of a nuclear reactor according to claim 11, wherein the guide rod is biased to return to the predetermined angle with respect to the body.

15. (*Withdrawn*): An apparatus for executing an operation in a vessel of a nuclear reactor according to claim 11, wherein an angle between the guide and the body is adjustable.

16. (*Withdrawn*): An apparatus for executing an operation in a vessel of a nuclear reactor according to claim 11, wherein the tool commonly serves as the guide.

17. (*Withdrawn*): An apparatus for executing an operation in a vessel of a nuclear reactor according to claim 11, wherein the body includes:

at least 3 members interconnected by joints, at least one of the joints being at least one of a rotational joint and a bending joint; and

a plurality of extendable supports capable of stabilizing the body against a first plurality of interior surfaces of the pump.

18. (*Withdrawn*): An apparatus for executing an operation in a vessel of a nuclear reactor according to claim 11 further comprising:

a first plurality of extendable supports attached to the body and capable of stabilizing the body against a first plurality of interior surfaces of the pump.

19. (*Withdrawn*): An apparatus for executing an operation in a vessel of a nuclear reactor according to claim 18 further comprising:

a second plurality of extendable supports attached to the body and capable of stabilizing the body against a second plurality of interior surfaces of the pump.

20. (*Withdrawn*): An apparatus for executing an operation in a vessel of a nuclear reactor according to claim 11 wherein, the body includes a plurality of joints, the joints including

a joint that rotates around the vertical axis and a joint that adjusts an angle with respect to the vertical axis.

21. – 23. (*Cancelled*).

24. (*Withdrawn*): An apparatus for executing an operation in a vessel of a nuclear reactor according to claim 21, wherein an angle between the guide and the body is adjustable.

25. (*Withdrawn*): An apparatus for executing an operation in a vessel of a nuclear reactor according to claim 21, wherein the tool commonly serves as the guide.

26. (*Withdrawn*): An apparatus for executing an operation in a vessel of a nuclear reactor according to claim 21, wherein the body includes:

at least 3 members interconnected by joints, at least one of the joints being at least one of a rotational joint and a bending joint; and

a plurality of extendable supports capable of stabilizing the body against a first plurality of interior surfaces of the pump.

27. (*Withdrawn*): An apparatus for executing an operation in a vessel of a nuclear reactor according to claim 21 further comprising:

a first plurality of extendable supports attached to the body and capable of stabilizing the body against a first plurality of interior surfaces of the pump.

28. (*Withdrawn*): An apparatus for executing an operation in a vessel of a nuclear reactor according to claim 27 further comprising:

a second plurality of extendable supports attached to the body and capable of stabilizing the body against a second plurality of interior surfaces of the pump.

29. (*Withdrawn*): An apparatus for executing an operation in a vessel of a nuclear reactor according to claim 21 wherein, the body includes a plurality of joints, the joints including

a joint that rotates around the vertical axis and a joint that adjusts an angle with respect to the vertical axis.

30. (*Currently Amended*): The apparatus for ~~executing~~ performing an operation in a vessel of a nuclear reactor according to claim 11, wherein ~~an orientation of~~ the guide rod is structured to be adaptively varied by a moveable support so that an orientation of the guide rod ~~as to correspond~~ corresponds to an interior surface of the jet pump as the guide rod is inserted into the jet pump.

31. (*Cancelled*).

32. (*New*): The apparatus for performing an operation in a vessel of a nuclear reactor according to claim 11, wherein the elongated tubular member has a plurality of holes disposed along the tubular member that enables the tool to perform the operation.